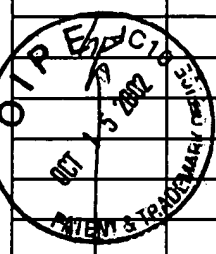


FORM PTO-1449/A and B (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICATION NO.: 10/045,629		ATTY. DOCKET NO.: C01104/70091	
				FILING DATE: October 25, 2001			
				APPLICANT: Frederick M. Morgan, et al.			
				GROUP ART UNIT: 2821		EXAMINER: Not Yet Assigned <i>PHILIP GENE</i>	
Sheet	1	of	2				

U.S. PATENT DOCUMENTS

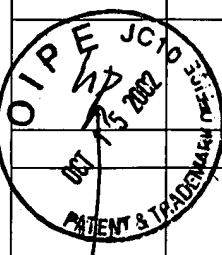
Examiner's Initials#	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		3,845,291		Portyrata	10-29-1974
		4,317,071		Murad	02-23-1982
		4,564,889		Bolson	01-14-1986
		4,616,298		Bolson	10-07-1986
		4,656,398		Michael et al.	04-07-1987
		4,920,465		Sargent	04-24-1990
		4,965,561		Havel	10-23-1990
		5,122,936		Guthrie	06-16-1992
		5,171,429		Yasuo	12-15-1992
		5,267,129		Anderson	11-30-1993
		5,539,624		Dougherty	07-23-1996
		5,752,766		Bailey et al.	05-19-1998
		5,823,431		Pierce	10-20-1998
		6,021,960		Kehat	02-08-2000
		6,036,333		Spiller	03-14-2000
<i>N hp</i>		6,135,604		Lin	10-24-2000
		6,175,201		Sid	01-16-2001
		6,184,628	B1	Ruthenberg	02-06-2001

FOREIGN PATENT DOCUMENTS

Examiner's Initials#	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			

FORM PTO-1449/A and B (Modified)		APPLICATION NO.: 10/045,629	ATTY. DOCKET NO.: C01104/70091
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE: October 25, 2001	
		APPLICANT: Frederick M. Morgan, et al.	
		GROUP ART UNIT: 2821	EXAMINER: Not Yet Assigned <i>PHILOPENE</i>
Sheet 2	of 2		

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		Co-pending U.S. Patent Application, Serial No. 10/040,253, filed October 25, 2001, George G. Mueller, et al., "Methods and Apparatus for Illumination of Liquids", Our Docket No. C01104/70002.	
		Co-pending U.S. Patent Application, Serial No. 10/040,291, filed October 25, 2001, Frederick M. Morgan, et al., "Methods and Apparatus for Remotely Controlled Illumination of Liquids", Our Docket No. C01104/70088.	
		Co-pending U.S. Patent Application, Serial No. 10/040,291, filed October 25, 2001, Frederick M. Morgan, et al., "Methods and Apparatus for Remotely Controlled Illumination of Liquids", Our Docket No. C01104/70089.	
		Co-pending U.S. Patent Application, Serial No. 10/040,266, filed October 25, 2001, Ihor A. Lys, et al., "Methods and Apparatus for Sensor Responsive Illumination of Liquids", Our Docket No. C01104/70090.	
	<i>hp</i>	Co-pending U.S. Patent Application, Serial No. 10/040,252, filed October 25, 2001, Frederick M. Morgan, et al., "Light Fixtures for Illumination of Liquids", Our Docket No. C01104/70092.	

EXAMINER <i>Hanna Phibbs</i>	DATE CONSIDERED <i>5/30/03</i>
------------------------------	--------------------------------

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

FILING DATE: October 25, 2001

APPLICANT: Frederick M. Morgan, et al.

GROUP ART UNIT: 2821

EXAMINER: Not Yet Assigned

Sheet

1

of

7

U.S. PATENT DOCUMENTS

Examiner's Initials#	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
hp ↑		* US 2001/0033488	A1	Chliwnyj, et al.	10/25/2001
		* Re. 36,030		Nadeau	01/05/1999
		* 2,909,097		A.E. Alden, et al.	10/20/1959
		* 3,318,185		Kott	05/09/1967
		* 3,561,719		Grindle	02/1971
		* 3,586,936		McLeroy	06/22/1971
		* 3,601,621		Ritchie	08/24/1971
		* 3,643,088		Osteen, et al.	02/1972
		* 3,746,918		Drucker, et al.	07/17/1973
		* 3,818,216		Larraburu	06/18/1974
		* 3,832,503		Crane	08/27/1974
		* 3,858,086		Anderson, et al.	12/31/1974
		* 3,909,670		Wakamatsu, et al.	09/30/1975
		* 3,924,120		Cox, III	12/02/1975
		* 3,958,885		Stockinger, et al.	05/25/1976
		* 3,974,637		Bergey, et al.	08/17/1976
		* 4,001,571		Martin	01/04/1977
		* 4,054,814		Fegley, et al.	10/18/1977
		* 4,082,395		Donato, et al.	04/04/1978
		* 4,096,349		Donato	06/20/1978
		* 4,241,295		Williams, Jr.	12/23/1980
		* 4,272,689		Crosby, et al.	06/09/1981
		* 4,273,999		Pierpoint	06/16/1981
		* 4,298,869		Okuno	11/03/1981
		* 4,329,625		Nishizawa, et al.	05/11/1982
		* 4,367,464		Kurahashi, et al.	10/04/1983
		* 4,388,567		Yamazaki, et al.	06/14/1983
		* 4,388,589		Molldrem, Jr.	06/14/1983
		* 4,392,187		Bornhorst	07/05/1983
		* 4,420,711		Takahashi, et al.	12/13/1983
		* 4,500,796		Quin	02/19/1985
		* 4,622,881		Rand	11/18/1986
		* 4,625,152		Nakai	11/25/1986
		* 4,635,052		Aoike, et al.	01/06/1987
		* 4,647,217		Havel	03/03/1987

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

FILING DATE: October 25, 2001

APPLICANT: Frederick M. Morgan, et al.

GROUP ART UNIT: 2821

EXAMINER: Not Yet Assigned

Sheet

2

of

7

PATENT & TRADEMARK OFFICE

bp		* 4,656,398	Michael, et al.	04/07/1987
		* 4,668,895	Schneider	05/26/1987
		* 4,682,079	Sanders, et al.	07/21/1987
		* 4,686,425	Havel	08/11/1987
		* 4,687,340	Havel	08/18/1987
		* 4,688,154	Nilssen	08/18/1987
		* 4,688,869	Kelly	08/25/1987
		* 4,695,769	Schweickardt	09/22/1987
		* 4,701,669	Head, et al.	10/20/1987
		* 4,705,406	Havel	11/10/1987
		* 4,707,141	Havel	11/17/1987
		* 4,727,289	Uchida	02/23/1988
		* 4,740,882	Miller	04/26/1988
		* 4,753,148	Johnson	06/28/1988
		* 4,771,274	Havel	09/13/1988
		* 4,780,621	Bartleucci, et al.	10/25/1988
		* 4,818,072	Mohebban	04/04/1989
		* 4,837,565	White	06/06/1989
		* 4,843,627	Stebbins	06/27/1989
		* 4,845,481	Havel	07/04/1989
		* 4,845,745	Havel	07/04/1989
		* 4,863,223	Weissenbach, et al.	09/05/1989
		* 4,874,320	Freed, et al.	10/17/1989
		* 4,887,074	Simon, et al.	12/12/1989
		* 4,922,154	Cacoub	05/01/1990
		* 4,934,852	Havel	06/19/1990
		* 4,962,687	Belliveau, et al.	10/16/1990
		* 4,973,835	Kurosu, et al.	11/27/1990
		* 4,979,081	Leach, et al.	12/18/1990
		* 4,980,806	Taylor, et al.	12/25/1990
		* 4,992,704	Stinson	02/12/1991
		* 5,003,227	Nilssen	03/26/1991
		* 5,008,595	Kazar	04/16/1991
		* 5,010,459	Taylor, et al.	04/23/1991
		* 5,027,262	Freed	06/25/1991
		* 5,034,807	Von Kohorn	07/23/1991
		* 5,072,216	Grange	12/10/1991
		* 5,078,039	Tulk, et al.	01/07/1992

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

FILING DATE: October 25, 2001

APPLICANT: Frederick M. Morgan, et al.

GROUP ART UNIT: 2821

EXAMINER: Not Yet Assigned

PHI/OGENE

OCT 17 2002

Sheet

3

of

7

62		* 5,083,063	Brooks	01/21/1992
		* 5,126,634	Johnson	06/30/1992
		* 5,128,595	Hara	07/07/1992
		* 5,134,387	Smith, et al.	07/28/1992
		* 5,142,199	Elwell	08/25/1992
		* 5,154,641	McLaughlin	10/13/1992
		* 5,164,715	Kashiwabara, et al.	11/17/1992
		* 5,184,114	Brown	02/02/1993
		* 5,194,854	Havel	03/16/1993
		* 5,209,560	Taylor, et al.	05/11/1993
		* 5,225,765	Callahan, et al.	07/06/1993
		* 5,226,723	Chen	07/13/1993
		* 5,254,910	Yang	10/19/1993
		* 5,256,948	Boldin, et al.	10/26/1993
		* 5,282,121	Bornhorst, et al.	01/25/1994
		* 5,294,865	Haraden	03/15/1994
		* 5,307,295	Taylor, et al.	04/26/1994
		* 5,329,431	Taylor, et al.	07/12/1994
		* 5,350,977	Hamamoto, et al.	09/27/1994
		* 5,357,170	Luchaco, et al.	10/18/1994
		* 5,371,618	Tai, et al.	12/06/1994
		* 5,374,876	Horibata, et al.	12/20/1994
		* 5,388,357	Malita	02/14/1995
		* 5,402,702	Hata	04/04/1995
		* 5,404,282	Klinke, et al.	04/04/1995
		* 5,406,176	Sugden	04/11/1995
		* 5,410,328	Yoksza, et al.	04/25/1995
		* 5,412,284	Moore, et al.	05/02/1995
		* 5,412,552	Fernandes	05/02/1995
		* 5,420,482	Phares	05/30/1995
		* 5,421,059	Leffers, Jr.	06/06/1995
		* 5,432,408	Matsuda, et al.	07/11/1995
		* 5,436,535	Yang	07/25/1995
		* 5,461,188	Drago, et al.	10/24/1995
		* 5,463,280	Johnson	10/31/1995
		* 5,465,144	Parker, et al.	11/07/1995
		* 5,489,827	Xia	02/06/1996
		* 5,491,402	Small	02/13/1996

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

OCT 17 2002

FILING DATE: October 25, 2001

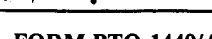
APPLICANT: Frederick M. Morgan, et al.

GROUP ART UNIT: 2821

EXAMINER: Not Yet Assigned

PHILCOGENE

hp		* 5,504,395	Johnson, et al.	04/02/1996
↑		* 5,545,950	Cho	08/13/1996
		* 5,561,346	Byrne	10/01/1996
		* 5,575,459	Anderson	11/19/1996
		* 5,575,554	Guritz	11/19/1996
		* 5,592,051	Korkala	01/07/1997
		* 5,640,061	Bornhorst, et al.	06/17/1997
		* 5,642,129	Zavracky, et al.	06/24/1997
		* 5,673,059	Zavracky, et al.	09/30/1997
		* 5,701,058	Roth	12/23/1997
		* 5,721,471	Begemann, et al.	02/24/1998
		* 5,734,590	Tebbe	03/31/1998
		* 5,751,118	Mortimer	05/12/1998
		* 5,769,527	Taylor, et al.	06/23/1998
		* 5,803,579	Turnbull, et al.	09/08/1998
		* 5,808,689	Small	09/15/1998
		* 5,821,695	Vilanilam, et al.	10/13/1998
		* 5,848,837	Gustafson	12/15/1998
		* 5,850,126	Kanbar	12/15/1998
		* 5,851,063	Doughty, et al.	12/22/1998
		* 5,852,658	Knight, et al.	12/22/1998
		* 5,859,508	Ge, et al.	01/12/1999
		* 5,896,010	Mikolajczak, et al.	04/20/1999
		* 5,912,653	Fitch	06/15/1999
		* 5,924,784	Chliwnyj, et al.	07/20/1999
		* 5,946,209	Eckel, et al.	08/31/1999
		* 5,952,680	Strite	09/14/1999
		* 5,959,547	Tubel, et al.	09/28/1999
		* 5,963,185	Havel	10/05/1999
		* 5,974,553	Gandar	10/26/1999
		* 6,008,783	Kitagawa, et al.	12/28/1999
		* 6,016,038	Mueller, et al.	01/18/2000
		* 6,018,237	Havel	01/25/2000
		* 6,025,550	Kato	02/15/2000
		* 6,031,343	Recknagel, et al.	02/29/2000
		* 6,068,383	Robertson, et al.	05/30/2000
		* 6,072,280	Allen	06/06/2000
		* 6,095,661	Lebens, et al.	08/01/2000

FORM PTO-1449/A and B (Modified)		APPLICATION NO.: 10/045,629	ATTY. DOCKET NO.: C01104/70091
INFORMATION DISCLOSURE STATEMENT BY APPLICANT 		FILING DATE: October 25, 2001	
		APPLICANT: Frederick M. Morgan, et al.	
		GROUP ART UNIT: 2821	EXAMINER: Not Yet Assigned <i>PHILIP J. GENE</i>
Page 1 of 7			

OTHER ART – NON PATENT LITERATURE DOCUMENTS

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

FILING DATE: October 25, 2001

APPLICANT: Frederick M. Morgan, et al.

GROUP ART UNIT: 2821

EXAMINER: Not Yet Assigned
PHILIP GENE

Sheet

7

of

7

* Newnes's Dictionary of Electronics, Fourth Edition, S.W. Amos, et al., Preface to First Edition, pp. 278-279

* "http://www.luminus.cx/projects/chaser", (November 13, 2000), pp. 1-16

EXAMINER

Marta Thibault

DATE CONSIDERED

5/30/03

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

* a copy of this reference is not provided as it was previously cited by or submitted to the office in prior applications:

Serial No. 09/669,121, filed September 25, 2000;
Serial No. 09/425,770, filed October 22, 1999;
Serial No. 08/920,156, filed August 26, 1997;
Serial No. 09/213,540, filed December 17, 1998;
Serial No. 09/213,581, filed December 17, 1998;
Serial No. 09/213,548, filed December 17, 1998;
Serial No. 09/815,418, filed March 22, 2001;
Serial No. 09/213,607, filed December 17, 1998;

Serial No. 09/215,624, filed December 17, 1998;
Serial No. 09/333,739, filed June 15, 1999;
Serial No. 09/742,017, filed December 20, 2000;
Serial No. 09/213,659, filed December 17, 1998;
Serial No. 09/213,189, filed December 17, 1998;
Serial No. 09/626,905, filed July 27, 2000;
Serial No. 09/213,537, filed December 17, 1998;

which are relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]

+



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

1

Application Number	10/247,065
Filing Date	09/19/02
First Named Inventor	Timothy B. Higginson
Group Art Unit	2831
Examiner Name	Not Assigned HUNG DAN C
Attorney Docket Number	219152

[illegible][illegible]

OTHER - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**
HD	CA	Copy of International Search Report, dated November 27, 2002, in corresponding PCT Application No. PCT/US02/29711		

Handwritten signature: *Handwritten signature*

Date Considered

6	3	2003
---	---	------

- + An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).